

## **GRIT SOLICITATION REQUIREMENTS**

### Description

Grit, Utility Grade, #16-30, copper slag  
MIL-A-22262B (SH) dated 5Apr93 & Amd 2,21Mar96  
QPL-22262-27 21Sep04

### Ordering data:

- (a) MIL-A-22262B (SH) dated 5Apr93 & Amd 2,21Mar96; QPL-22262-27, 21Sep04
- (b) DODISS: Latest in effect at time of solicitation
- (c) Sieve analysis, percent passing by weight
  - #8 100 - 100
  - #12 90 - 100
  - #16 60 - 80
  - #20 40 - 60
  - #30 15 - 30
  - #40 0 - 20
  - #50 1 - 5
  - #80 0 - 1
- (d) as specified
- (e) dry material, net weight
- (f) sacks (refer to additional requirements)
- (g) commercial polypropylene with UV protection
- (h) 2 ton
- (i) para 5.5 & 5.5.1 applies. Additionally, each bag to be stenciled with "MIL-A22262B" and "5350LLL270023" (min 2" letter height in black)

### Additional requirements

- (1) Nickel limit - 0.09 percent max
- (2) Crystalline silica - as evaluated iaw para 4.5.9, MIL-A-22262B w/Amd2, crystalline silica content shall not equal or exceed 0.1 percent by weight. Iaw para 3.2, MIL-A-22262B w/Amd2, crystalline silica shall not be intentionally added to the abrasive media.
- (3) Hardness - MOH scale, 7 min
- (4) Magnetism - not less than 30 percent Fe<sub>2</sub>O<sub>3</sub>
- (5) Friability - min 70 percent
- (6) Oil content - less than 0.03 percent by weight. Refer to test procedure-oil content
- (7) Soluble and total metal content (percent)- iaw para 3.4.12.1 Tables I & II, MIL-A-22262B w/Amd2, except total metal content of the following is amended: Arsenic max 0.0005, Cadmium max 0.0001, Beryllium max 0.0008, Lead max 0.004. Refer 40 CFR 261.24 tables (CLP limits)
- (8) Surface steel plate profile - 1.5 mils min, 4.0 mils max with average of 3.5 mils
- (9) Sacks - Bulk commodity shipping bag, woven polypropylene, denier not less than 16 x 14 yards/square inch, with double strength sidewalls, single ply top & bottom, treated for UV protection to retain 75 percent strength after 1200 hrs in weatherometer, bursting strength no less than 450 lbs/square inch with bottom discharge. Each sack equipped with 2 inch or wider polyester webbing slings, breaking strength not less than 4000 lbs., with top slings with 4 or more pickup